RAISECOM

QoS Function Commands-4

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Chapter 1   QoS Function Commands

1.1 queue preemp-wrr

[Function]

Set the queueing mode of the port to PREEMP-WRR mode, which is SP+WRR mode, and also set the weight for each queue.

[Command format]

queue preemp-wrr *weight1 weight2 weight3*

[Parameter]

weightn: weight for the queue n, range from 1-255.

[Default]

Default queueing mode is strict priority (SP).

[Command Modes]

Global configuration mode; privileged user.

[Executing Command Instruction]

Set the queueing mode of the port to PREEMP-WRR mode that is SP+WRR MODE, and set the bound for the queue. At this time, queue 0 uses strict priority for queueing, and other queues are based on the WRR queueing mode.

[Explanation of command execution echo]

Set the weight of cos queue successfully.

Set the weight of cos queue unsuccessfully.

[Example]

Raisecom(config)# **queue preemp-wrr** *1 2 3*

[Related commands]

Commands	Description
show mls qos queueing	Show queue information.

1.2 queue wrr-weight

[Function]

Configure switch the queueing mode to WRR, and set the weight for the queue.

[Command format]

queue wrr-weight *weight0 weight1 weight2 weight3*

[Parameter]

weightn: bound for the queue n, range from 1-255.

[Default]

Default queueing mode is strict priority (SP).

[Command Modes]

Global configuration mode; privileged user.

[Executing Command Instruction]

Configure switch queueing mode as WRR, and set the weight for each queue.

[Explanation of command execution echo]

Set the weight of cos queue successfully.

Set the weight of cos queue unsuccessfully.

[Example]

Raisecom(config)# **queue wrr-weight** *1 2 3 5*

[Related commands]

Commands	Description
show mls qos queueing	Show queue information.

1.3 set

[Function]

Configure the action of the traffic.

[Command format]

set {**ip dscp** *new-dscp* | **ip precedence** *new-precedence* | **cos** *new-cos*}

no set {**ip dscp** | **ip precedence** | **cos** }

[Parameter]

new-cos: modify the ingress packet cos value to a new value, and then classify the packets based on the new cos value.

new-dscp: first, change the ingress packet dscp value to a new value, then classify the packets based on the new dscp value.

new-precedence: first change the ingress packet precedence value to a new value, and then classify the packets based on the new value.

[Command Modes]

PMAP-C configuration mode; privileged user.

[Executing Command Instruction]

Users can set the action for the traffic and specify the new QOS value. **Set** command and the **trust** (port mode and policy-map mode) command are mutually exclusive; it depends on which command is executed later.

[Explanation of command execution echo]

Set the dscp for the class map successfully.

Set the dscp for the class map unsuccessfully.

[Example]

Raisecom(config-pmap-c)#**set cos** *3*

Raisecom(config-pmap-c)#**no set cos**

[Related commands]

Commands	Description
show policy-map [*policy-map-name***]**	Show policy-map information.

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